

**Integrated Energy Data Resource, May 17, 2024, General Stakeholder Event  
Attendee Submitted Questions and IEDR Program Team Responses**

Questions	Answers
<p>How will the IEDR continue to engage with the general public throughout Phase 2?</p>	<p>The IEDR Program Team anticipates additional General Stakeholder Events (GSE) in the future. Additionally, quarterly and other programmatic reports are filed and available for public viewing on the New York State (NYS) Department of Public Service (DPS) Document and Matter Management System (<a href="#">DMM</a>).</p>
<p>How can the general public become more involved with IEDR development?</p>	<p>We encourage users to utilize the <a href="#">IEDR Platform</a> and submit any ideas they may have through the <a href="#">IEDR Ideas Portal</a>.</p> <p>Signing up for the <a href="#">IEDR mailing list</a> is also a great way to receive periodic updates and information on opportunities to remain involved.</p>
<p>What is the timeline for full roll out of Green Button in 2024 and what does "full rollout" mean?</p>	<p>The IEDR Program Team is actively working on this use case, and we look forward to providing additional details in future updates. At present, we are preparing for a 2024 launch window.</p> <p>Currently the IEDR Green Button Connect (GBC) module is in “sandbox mode”, which allows users to explore the functionality and value of new features and to submit comments and suggestions without having to complete the full IEDR GBC registration process.</p> <p>While some features in the IEDR GBC sandbox mode may change, the current sandbox mode is representative of the functionality that will be available with actual customer data in the full rollout of “production” mode.</p> <p>“Full rollout” means third parties will be able to register to use the platform and utility customers will be able to consent to sharing their data with those third parties in line with the GBC standard.</p>
<p>Will registered Energy Service Entities be able to see all of our authorized customer usage information in one file together or will the usage data only be shown for authorized customers in individual files?</p>	<p>Registered Energy Service Entities (ESEs) will have the option to pull data from the meter, account, or dashboard portfolio levels. They could then choose to download certain data types, in different formats, across those different levels to best fit their needs. The</p>

	dashboard portfolio download would include all authorized customer data in a single file.
What data will be available from customer meter data access upon enrollment and what can registered Energy Service Entities access through the Green Button functionality?	Through the IEDR GBC tool, registered ESEs will be able to access customer meter data may be provided in 15-minute, hourly, daily, and/or monthly intervals depending on what data a utility makes available. The IEDR GBC tool is currently in sandbox mode, which allows users to explore tool functionality, but without production-level data sets. Only sample dummy data will be available in sandbox mode and these data sets do not include customer utility data. As the ability to request authorization and access to customer utility data becomes available, the IEDR Team will notify ESEs who have signed up for GBC sandbox access.
When IEDR has Green Button connect ready, does that mean all utilities will immediately be able to provide API access, or is there still more to be done?	The IEDR will provide a single Application Programming Interface (API) which spans data from each participating utility. Registered ESEs will be able to use that API to receive consented customer data from any customer of any participating utility.
While Green Button Connect (GBC) is still in "sandbox" mode, what can third-party ESEs do to prepare for "live" mode?	<p>The full registration is not yet available, but third parties can pre-register with the IEDR platform so they can be assigned a "client_id". When you register with the IEDR platform, you will be automatically put into "sandbox" mode.</p> <p>Pre-registration steps that can be taken today include:</p> <ol style="list-style-type: none"> <li>(1) Registering for an account on the IEDR platform.</li> <li>(2) Registering as a new ESE with DPS by filing the appropriate application.</li> <li>(3) Updating an existing registration to include a valid email address. The registered email address is optional for the DPS application but required for the IEDR to recognize the DPS registration. It does not have to be the same email address used for the IEDR Platform account, but the email domain must match.</li> </ol> <p>Once GBC functionality is "live," to be moved to "live" mode, additional legal agreements must be acknowledged in addition to the pre-registration requirements. The legal agreements have been filed in accordance with the Data Access Framework Order and will require Public Service Commission adoption before use.</p>
What data sources do you use for the EIAT DER locations and DER information?	DER data contained within the EIAT is sourced monthly from all participating NYS distribution utilities and contains assets of 5 megawatts (MW) or less connected

	<p>in parallel with utility distribution systems. This is in alignment with the NYS Standardized Interconnection Requirements (SIR) inventory information.</p> <p>Specific substation location (latitude and longitude) is not provided as some utilities consider this sensitive critical electric infrastructure information (CEII), and CEII is not available through the IEDR. As a workaround, electrical distance to substation is accessible on the “Feeder Segment” tooltip for Central Hudson, Con Edison, and Orange and Rockland Utilities. To help obscure substation locations, segments within a half mile of a substation are filtered out.</p> <p>Due to the sensitivity of specific DER locations, the DERs in the EIAT are aggregated and mapped by using the centroid of the connected feeders. More on this can be found in the <a href="#">EIAT User Guide</a>.</p>
<p>If we submitted an idea for the original use cases, should we resubmit it through the Ideas Portal?</p>	<p>If your needs or ideas have fundamentally changed since your original submission, we would greatly appreciate an update. Otherwise, we still have original use case submissions documented and are tracking them along with other submissions.</p>
<p>How do you express interest in joining or recommending someone to the Tier 1 and/or Tier 2 IEDR Advisory Group? What is the time commitment?</p>	<p><b>Contacting the IEDR Program Team:</b> We encourage those interested in joining or recommending someone to the IEDR Advisory Group to reach out the IEDR mailbox (<a href="mailto:IEDR@nyserda.ny.gov">IEDR@nyserda.ny.gov</a>). Please note, all Advisory Group participants must first be approved by the program to join the Advisory Group.</p> <p><b>Tier 1 vs. Tier 2:</b> The Tier 1 Advisory Group provides broader directional feedback to the IEDR Program and is a generally static group that meets quarterly. The Tier 2 Advisory Group consists of fluid groupings of individuals and organizations, that meets on an ad hoc basis, and provides targeted feedback on features and data needs of end users for specific use cases. Please see slide 11 of the May 2024 GSE deck for additional details.</p> <p><b>Advisory Group Time Commitment:</b></p> <p>Tier 1 Advisory Group time commitment involves a one and a half hour quarterly meeting with the IEDR Program Team. Leading up to the quarterly Tier 1 meeting, members should expect to prepare for the</p>

	<p>meeting by dedicating time to review pre-read materials. Additionally, between quarterly meetings, the IEDR Program Team may reach out to members via email with additional correspondence.</p> <p>Tier 2 Advisory Group time commitment involves an initial 90-minute interview, typically per use case, with the IEDR Program Team. Tier 2 Advisory Group members may also be requested to participate in additional interviews, group sessions, and asynchronous reviews related to specific use cases. The need for these additional engagements will vary per use case.</p>
<p>What’s the difference between “enable whole building energy consumption analysis” VS “efficient and effective access to existing customer billing data”? I am asking in the context of state and local government requirements to have utility bill data to be automatically uploaded to EPA’s Portfolio Manager.</p>	<p>The “enable whole building energy consumption analysis” use case focuses on building benchmarking efforts, while the “efficient and effective access to existing customer billing data” use case focuses on accessing billing data within individual utility customer accounts.</p> <p>For comparison, here are the use case summaries and list of end users for the “enable whole building energy consumption analysis” and “efficient and effective access to existing customer billing data” use cases:</p> <p><u>“Enable Whole Building Energy Consumption Analysis”</u></p> <p><b>End Users:</b> Building managers, property management companies, product service providers.</p> <p><b>Use Case Summary:</b> This use case will support building managers’, property management companies’, and product service providers’ ability to participate in efforts to benchmark energy efficiency and comply with local regulations/laws through access to whole building energy data across all types/sizes of buildings, including those that require customer consent. To achieve that goal, this use case will enable analysis of prior year energy consumption data for all fuel types used in a given building, as well as the ability to aggregate these individual meter readings into total energy consumption by fuel and property type. Start and end read dates and unique utility identifiers will be useful for indexing individual meter and consumption information. In addition, specifically for small buildings, end users will be able to dive deeper into which buildings create the most emissions and which retrofitting options would be</p>

	<p>most ideal using provided current DER deployment by building data.</p> <p><u>“Efficient and Effective Access to Existing Customer Billing Data”</u></p> <p><b>End-Users:</b> Community solar developers, state, and local government agencies, ESCOs</p> <p><b>Use Case Summary:</b> Current access to bill data is problematic as the only way to access bill image PDFs is through a customer online account, which brings risks. Currently, energy managers are only able to access customer bill data once a customer has signed their energy contract. At this point, the energy manager can then share data access with a data provider. This use case would grant access electronically for a list of properties at the time of energy manager and data services contract signing, with no additional action required on behalf of the customer after that for the data services provider to access data for those properties at a later point within the authorized timeframe. Currently, separate actions are required for each customer account at the time of the authorization request. Ideally, customer consent can be granted both in advance and at the moment of the request, and it should be possible to grant access via mobile phone. This use case would help improve the timeliness of bill payment, reduce late fees, and verify customer savings.</p>
<p>How current is the data on the IEDR platform?</p>	<p>For the MVP release, from the time utility data is received by the IEDR to the time it is made available to users, data may have latency of over one month due to initial coordination efforts to create alignment in file contents and formatting. Data latency timelines are anticipated to reduce overtime; such changes will be reflected in future updates to the <a href="#">IEDR FAQs page</a> in the “Data Update Timelines” section.</p>